

System Interventions to Address Social Determinants of Health

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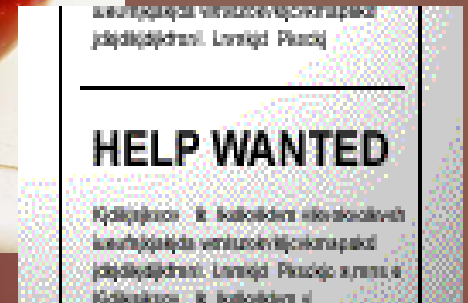
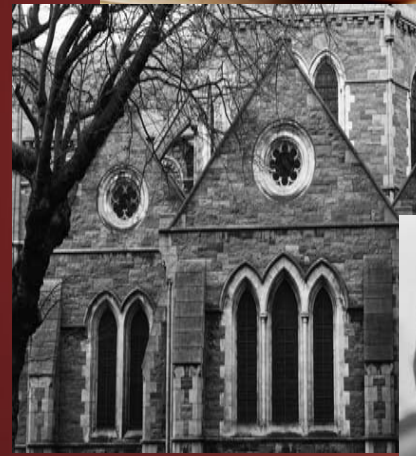
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Governor's Public Health Conference – April 30, 2007

The Complexity of Social Determinants of Health

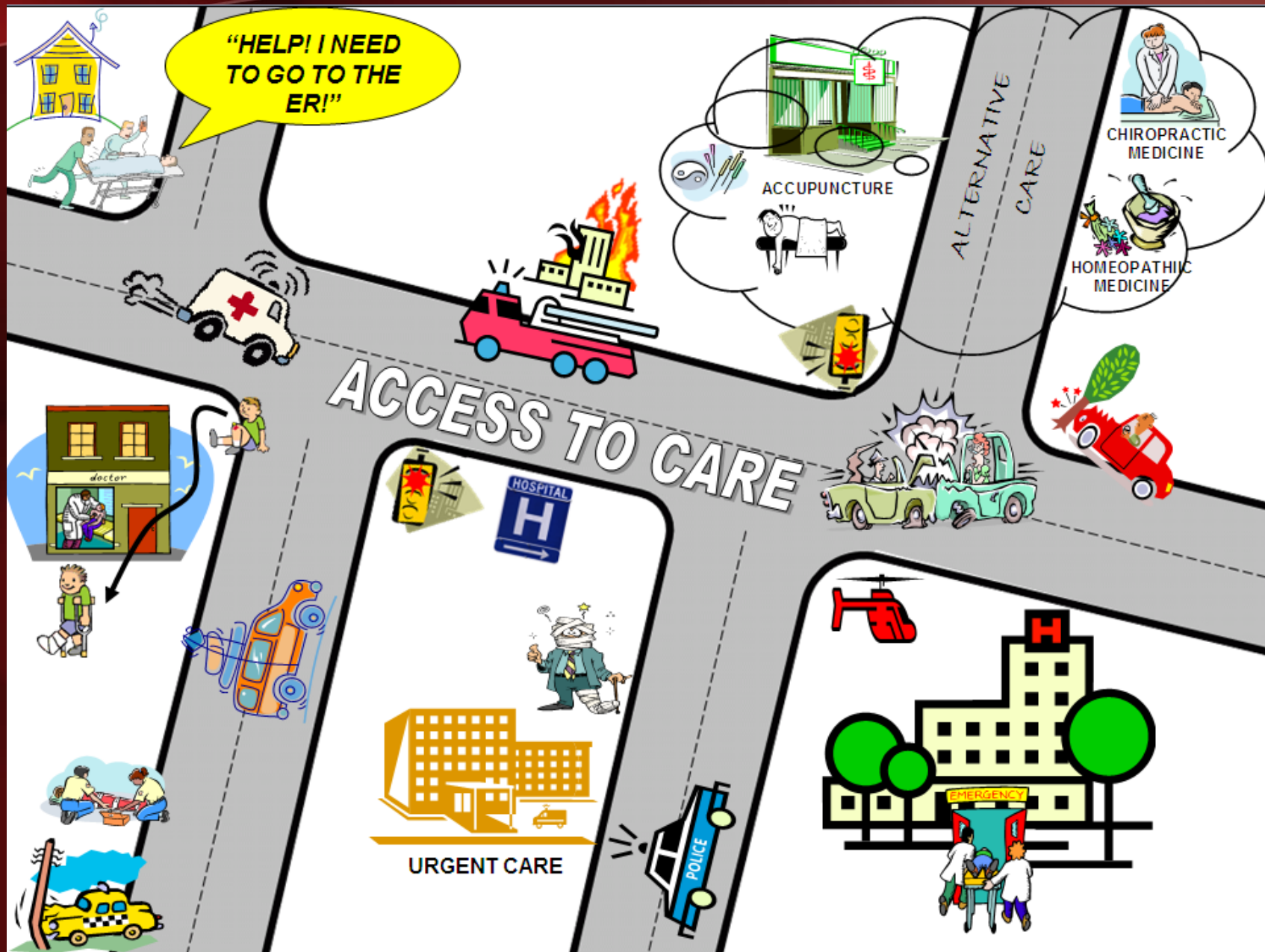
- How health is shaped through factors such as origin, education, housing, health services, income, employment or not, food supply, social support, native status and the like.
- Inter-relationships of individuals, expanded to consider societal factors



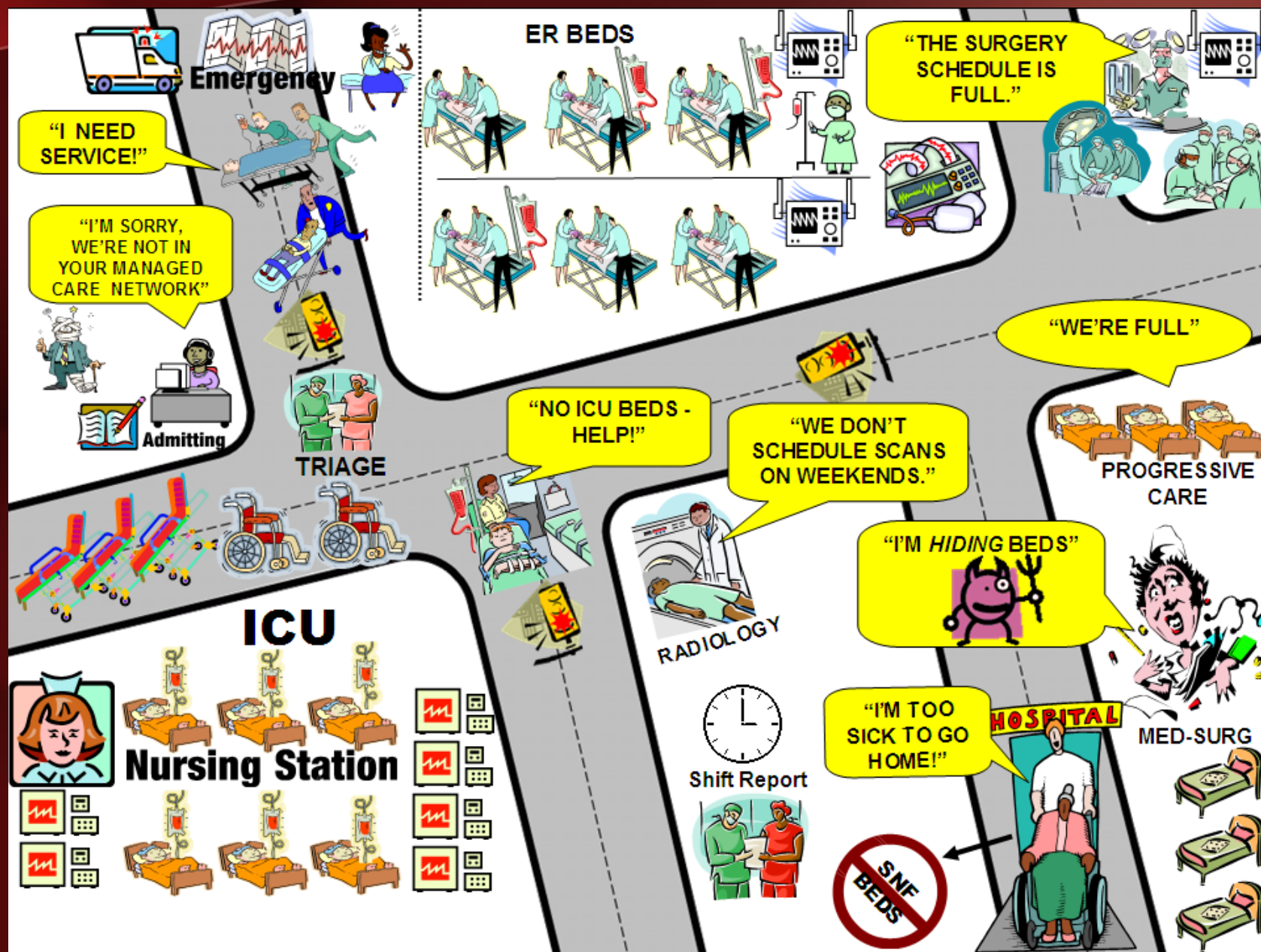
The Complexity of the Health System



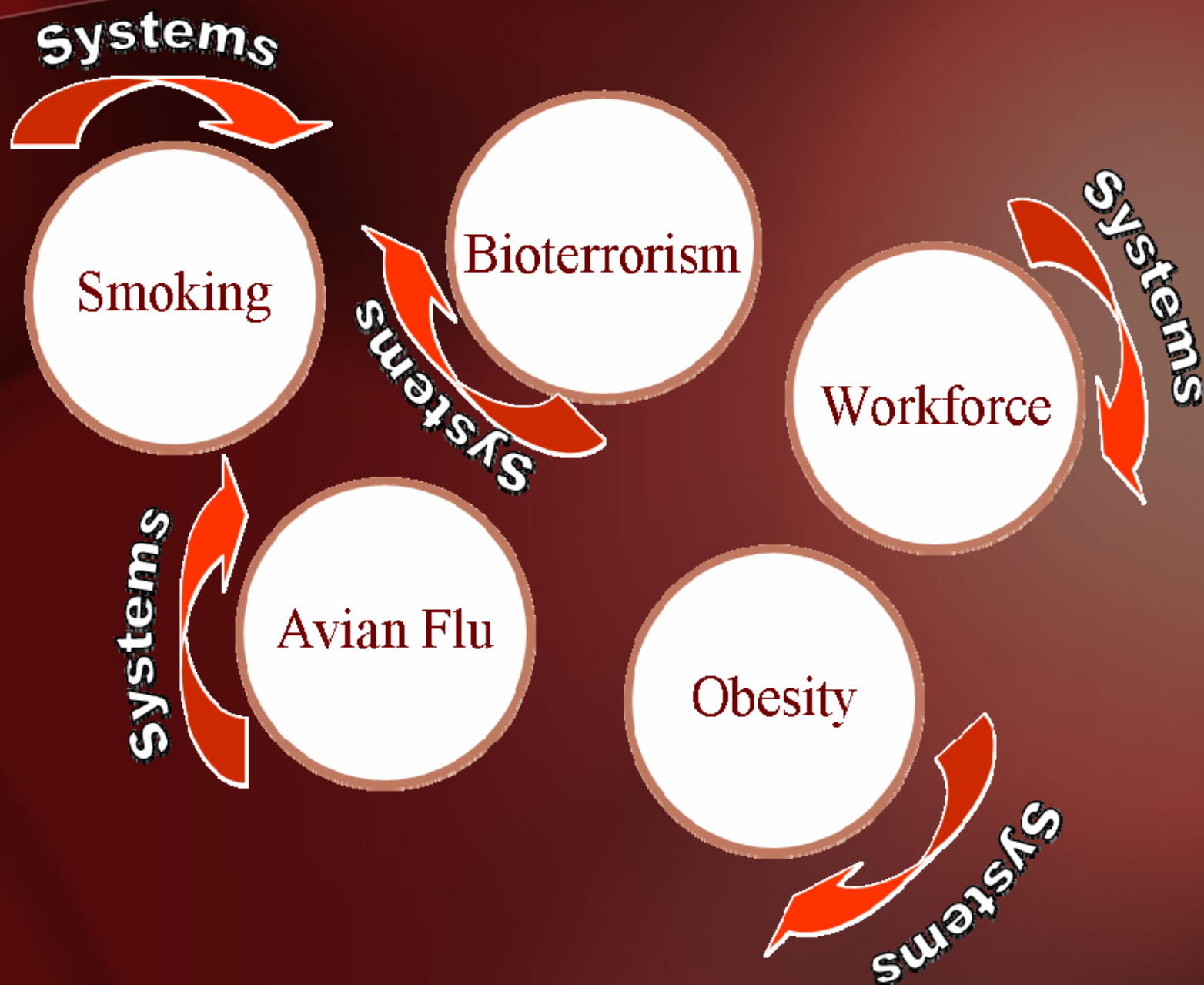
The Complexity of Systems Thinking: Access



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Systems and Silos: A Resource Dilemma Not Unique to PH



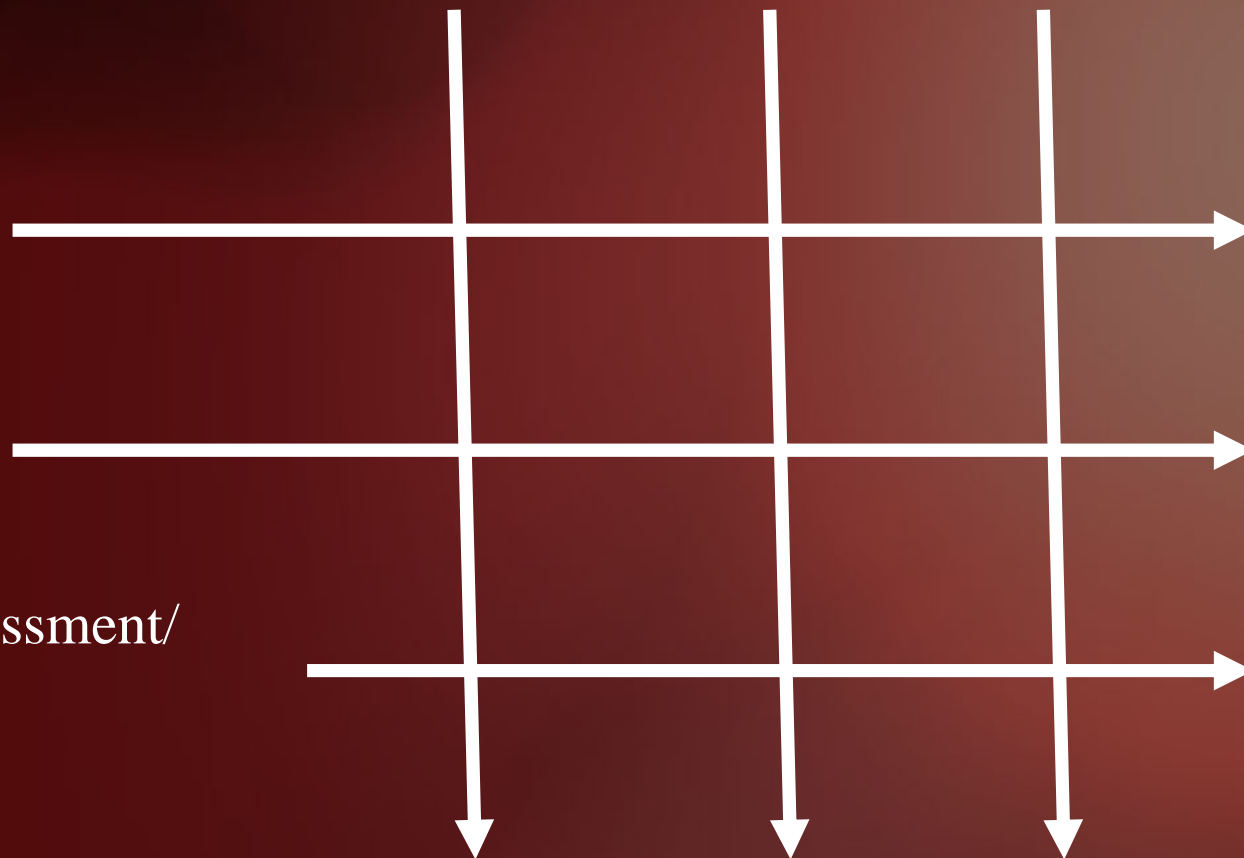
Leadership Challenge 1: Knowledge Integration

Obesity Bioterrorism

Informatics

Education

Community Assessment/
Evaluation



Leadership Challenge 2: Outcomes to 0 + 1



Leadership Challenge 3: Systems within Systems



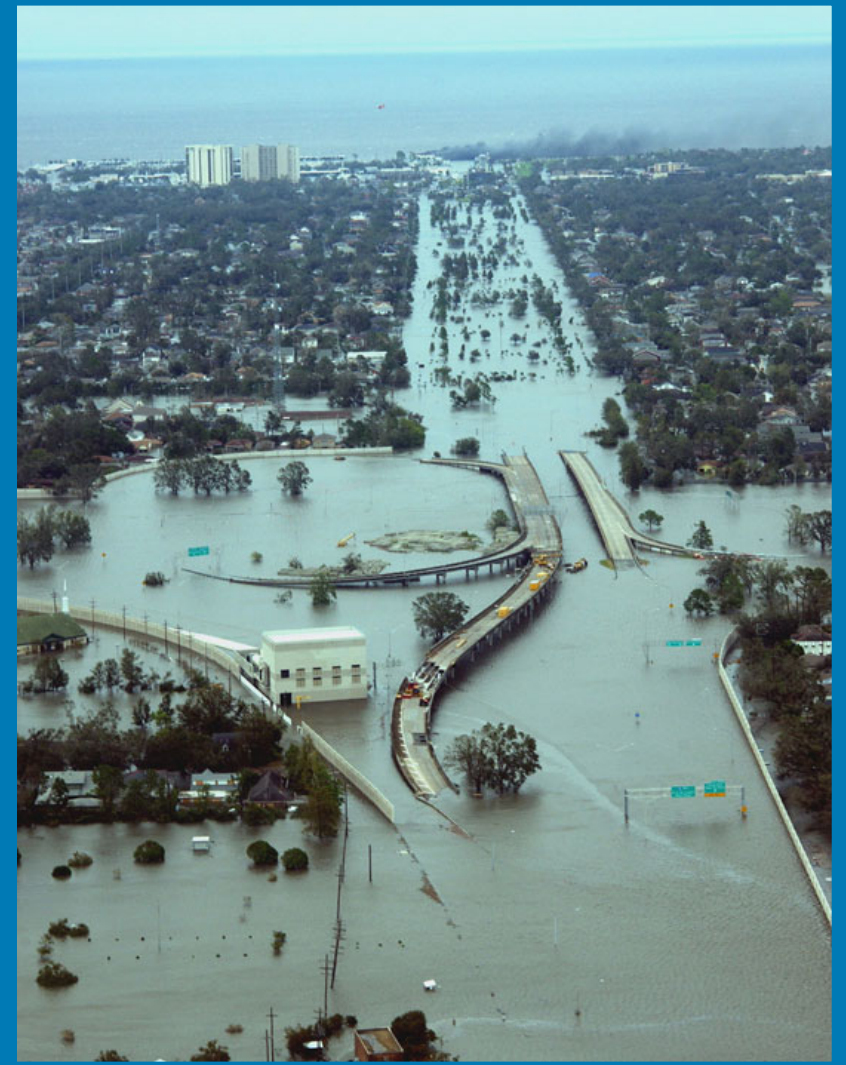
Interventions: Where Do We Aim?

- **Education of the Public Health Workforce surrounding systems impact: The results of influencing social determinants to create healthier communities is directly correlated with the design of systems.**
- **Create PH Communities of Interest the bridge service, academics, and research to design systems that can sustain the outcomes of clinical research/knowledge development.**
- **Develop metrics and improvement aimed at infrastructure and systems performance.**

Interventions: Where Do We Aim?

- Seek solutions that address complex, non-linear dynamics to complement linear approaches to change management. For most, this will be intuitive and will balance approaches aimed at reductionism.
- Gain clarity around the various levels of systems development: where do they exist, are they named, are metrics associated with their performance, do they align with need.

Example of the Co-Mingling of Determinant & Systems



In Summary

- Accelerate the conceptualization and linkage of social determinants to systems
- Increase awareness of the impact of systems performance on every other aspect of community-targeted interventions
- Set specific aims that link systems within systems
- Integrate knowledge from other disciplines to benefit systems approaches
- Invest or exchange resources to this effort

Thank you for your time.

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